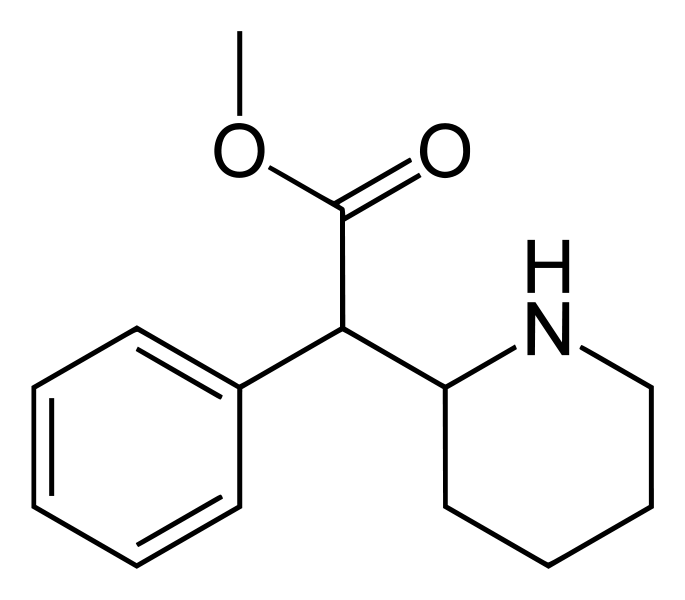
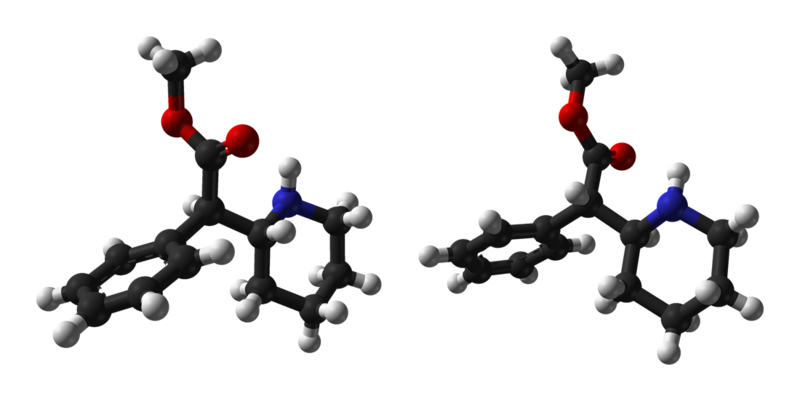
**Ritalin (Methylphenidate)**

* Ritalin is a pshyco-stimulant drug approved by prescription for the use ADHD (Attention Deficit Disorder), lethargy, depression, and obesity.
* [](http://upload.wikimedia.org/wikipedia/en/8/87/Ritalin_Pill.jpg)Its pharmacological effects are similar to a less potent version of cocaine and amphetamine. It increases the level of dopamine and norepinephrin in the brain via reuptake inhibition and monoamine transporters, thereby drastically increasing CNS alertness, mental concentration, and fighting off fatigue.

[](http://upload.wikimedia.org/wikipedia/commons/a/ae/Ritalin_Uno_Danish_Version.jpg)

[](http://upload.wikimedia.org/wikipedia/commons/7/7b/Methylphenidate-2D-skeletal.svg)

[](http://upload.wikimedia.org/wikipedia/commons/a/a5/Methylphenidate-enantiomers-3D-balls.png)

**Route of Entry and Potential Dangers and Side Effects of Ritalin**

* Ritalin may be taken via crushed (snorted), injected through syringe and also orally but potency of damage and addiction does vary depending on how it is taken.
* Ritalin when snorted is actually MORE POWERFUL than cocaine in dopamine transportation so the euphoria experienced may be more powerful. However the damage is more significant to the brain and nasal cavities.



**Route of Entry and Potential Dangers and Side Effects of Ritalin** **2**

* One of the most controversial issues with Ritalin has been prescribing the drug to children. Studies have shown that the drug has been affective if taken on a controlled basis and responsibly. What remains however is that the short and long term effects still occur.

\*SHORT- Nervousness, insomnia, nausea, vomit, psychopathic episodes, changes in the cardiac frequency and sallpulido.

\*LONG- Muscle spasms, strokes and potential heart attacks due to irregular heartbeats. Those that inject them also have complications in the blood because of some of the insoluble fillings that remain in the bloodstream after injection can block thin blood vessels.



**Why Should I Care?!**

* Ritalin’s illegal usage availability is mainly due to prescription diversions and robbery. (Please Keep in mind the Ritalin is one of the top 10 prescription drugs stolen)
* The damages inflicted on a individual taking this or other prescription drugs illegally is almost limitless:
* The dosage may not be proper
* The source of the drug is unknown
* Enjoy your spring break and have fun and be safe but also be realistic!

Works Cited

"Abuse Of Ritalin Causes Addiction Of Children And Adolescents." *Searching for Hydrocodone? Legally Buy Vicodin, Lortab, Lorcet plus Norco and Order Valium and Xanax Online ~ Buy Legit Prescriptions with US Doctor Consultations ~ Discount Online Pharmacy to Fill Any Script at Discount!* Web. 16 Mar. 2011. <http://www.findrxonline.com/rss/articles/ritalin-addiction.htm>.

"Methylphenidate - PubMed Health." Web. 16 Mar. 2011. <http://www.ncbi.nlm.nih.gov/pubmedhealth/PMH0000606/>.

"Methylphenidate." *Wikipedia, the Free Encyclopedia*. Web. 16 Mar. 2011. <http://en.wikipedia.org/wiki/Methylphenidate>.